

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) :	Fay et al.)	Examiner:
)	Marsha M. Tsay
Serial No. :	10/581,471)	
)	Art Unit:
Cnfrm. No. :	3888)	1656
)	
Filed :	December 2, 2004)	
)	
For :	RECOMBINANT FACTOR VIII)	
	HAVING INCREASED SPECIFIC)	
	ACTIVITY)	
)	
)	

DECLARATION OF PHILIP J. FAY UNDER 37 CFR § 1.132

I, PHILIP J. FAY, pursuant to 37 CFR § 1.132, declare:

1. I am a co-inventor for the above-identified patent application.
The other co-inventor is Hironao Wakabayashi.

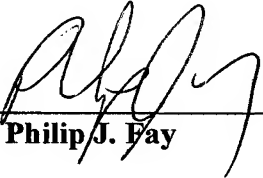
2. I am a co-author of Hironao Wakabayashi, Jan Freas, Qian Zhou on the publication entitled: "Residues 110-126 in the Factor VIII Heavy Chain Contain a Ca²⁺ Binding Site Required for Cofactor Activity," *Blood, ASH Annual Meeting Abstracts*, 102(11): p542a, Abstract 1988 (2003).

3. The invention described and claimed in the above-identified application was conceived solely by me and my co-inventor. In making our invention, experiments were conducted by us or under our direction.

4. With respect to the contributions of co-authors Jan Freas and Qian Zhou to the publication identified in paragraph 2 above, both of these individuals prepared and purified specific reagents under my or my co-inventors' direction and control. Neither Jan Freas nor Qian Zhou contributed to the conception of the invention as described and claimed in the above-identified application.

5. I hereby declare that all statements made herein of our own knowledge are true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that any such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated: February 13, 2009


Philip J. Fay